

Copy of 1449 (6/14/04)

Place type a plus sign (+) inside this box



PTC/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1448A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

|       |   |    |   |
|-------|---|----|---|
| Sheet | 1 | of | 2 |
|-------|---|----|---|

**Complete If Known**

|                        |                |
|------------------------|----------------|
| Application Number     | 10/810,733     |
| Filing Date            | March 26, 2004 |
| First Named Inventor   | Cheng et al.   |
| Group Art Unit         | Unknown        |
| Examiner Name          | Unknown        |
| Attorney Docket Number | CL2385 US NA   |

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

**/Jae W. Lee/ (08/08/2006)**

Date Considered

8/8/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 808. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\* Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0831-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|   |                        |                          |                |
|---|------------------------|--------------------------|----------------|
| Substitute for form 1449A/PTO   |                        | <b>Complete if Known</b> |                |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |                        | Application Number       | 10/810,733     |
|   |                        | Filing Date              | March 26, 2004 |
|   |                        | First Named Inventor     | Cheng et al.   |
|   |                        | Group Art Unit           | Unknown        |
|   |                        | Examiner Name            | Unknown        |
| Sheet 2 of 2  | Attorney Docket Number | CL2385 US NA             |                |

| OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS |            |   |     |
|--|------------|---|-----|
| Examiner Initials *                                | Cite No. 1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T 2 |
| JWL  |            | Nelis and Leenheer, Microbial sources of carotenoid pigments used in foods and feeds, Journal Appl. Bacteriol. 70: pp. 181-191, 1991  |     |
| JWL  |            | Misawa and Shimada, Metabolic engineering for the production of carotenoids in non-carotenogenic bacteria and yeasts, J. Biotech. Vol. 59:pp. 169-181, 1998   |     |
| JWL  |            | Hauben et al., Phylogenetic Position of Phyltopathogens within the Enterobacteriaceae, Syst. Appl. Microbiol. 21(3): pp. 384-397, Aug. 1998   |     |
| JWL  |            | G. Armstrong, Eubacteria Show Their True Colors: Genetics of Carotenoid Pigment biosynthesis from Microbes to Plants, J. Bact. 176: 4795-4802, 1994   |     |
| JWL  |            | Armstrong et al., Genetics of Eubacterial Carotenoid Biosynthesis: A Colorful Tale, Annu. Rev. Microbiol. 51: pp. 628-659, 1997   |     |
| JWL  |            | GenBank Accession No. M87280, Pantoea agglomerans, April 11, 2001   |     |
| JWL  |            | GenBank AccessionNo. D80087, Pantoea stewartii, December 18, 2002   |     |
| JWL  |            | GenBank Accession No. AY168713, Pantoea ananalis, August 24, 2002   |     |
| JWL  |            | GenBank Accession No. AB076882, Pantoea agglomerans pv. Milletiae, December 26, 2001  |     |
|  |            |   |     |

|                    |                           |                 |          |
|--------------------|---------------------------|-----------------|----------|
| Examiner Signature | /Jae W. Lee/ (08/08/2006) | Date Considered | 8/8/2006 |
|--------------------|---------------------------|-----------------|----------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.